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LUCID Vision Labs Color Camera

IMX265, 3.2 MP,

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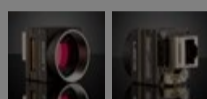


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Product Downloads

- Start Up Guide STEP:step
- EO Spec Sheet

Note: This item requires accessories for use | [Learn More](#)

Spectrum: Color

General

Type: Color Camera

Model Number: PHX032S-CC

Manufacturer: Lucid Vision Labs

Camera Series: Phoenix™

Physical & Mechanical Properties

Dimensions (mm): 24 x 24 x 27.35 (excludes connectors and lens mount)

Weight (g): 30

Housing: Partial

Sensor

Image Buffer: 128MB

Sensor Format: 1/1.8"

Resolution (Megapixels): 3.20

Frame Rate (fps): 38.00

Pixels (H x V): 2,048 x 1,536

Pixel Size, H x V (µm): 3.45 x 3.45

Sensing Area, H x V (mm): 7.07 x 5.3

Imaging Sensor: Sony IMX265

Type of Sensor: Progressive Scan CMOS

Shutter Type: Global

Pixel Depth: 12 bit

Exposure Time: 30µs - 10s

Dynamic Range (dB):	71.66	Machine Vision Standard:	GigE Vision v2.0
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Electrical

Power Consumption (W):	2.5 (External Power Supply) 3.1 (PoE)
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Hardware & Interface Connections

Interface:	GigE (PoE)	Connector:	GigE, RJ45
Power Supply:	Power over Ethernet (PoE) or via GPIO with 12-24VDC Power Supply	GPIOs:	1 opto-isolated input, 1 opto-isolated output, 2 non-isolated bi-directional ports
Synchronization:	Hardware Trigger (GPIO), Software Trigger, or PTP (IEEE 1588)	Interface Port Orientation:	Back Panel
GPIO Connector Type:	8-pin JST		

Threading & Mounting

Mount:	C-Mount	Mounting Threads:	¼-20 with Tripod Mount Adapter #11-474
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Environmental & Durability Factors

Operating Temperature (°C):	-20 to +55	Storage Temperature (°C):	-30 to +60
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Regulatory Compliance

RoHS 2015:	Exempt	Certificate of Conformance:	View
Reach 247:	Contains SVHC(s)		

Product Details

Sony IMX265

- Unfolding Board Stacks for Customization
- Power Over Ethernet (PoE) for Easy Integration
- Compact Size Starting at 24 x 24mm

LUCID Vision Labs Phoenix™ Power over Ethernet (PoE) Cameras are compact, high performance cameras with one of the smallest form factors in the PoE GigE market. Featuring unfolding board stacks, these cameras easily transform between a 90° and 180° angle shape to provide flexible system integration. Additional software versatility is provided by GigE Vision compliancy, allowing for compatibility with third-party GigE Vision software. LUCID Vision Labs Phoenix™ Power over Ethernet (PoE) Cameras offer powerful Image Signal Processing (ISP), ensuring optimal camera performance with options including Region of Interest (ROI), Color Correction Matrix (CCM), and Binning without any limitations on higher frame rates. These cameras are ideal for industrial applications requiring cameras with compact form factors.

Note: GigE cable required for operation, both RJ45 and ix™ versions are available. The ix™ is a miniaturized industrial connector that is not compatible with RJ45 cables. Optional tripod adapter ([#11-474](#)) available.

Accessories

Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
MORE+	180° & 90° Transform Kit for 24x24mm Phoenix™			€221,00	5 In Stock <input type="text" value="1"/>
MORE+	¼-20 Tripod Adapter for Triton™				16 In Stock <input type="text" value="1"/>
MORE+	2m RJ45 Ethernet Cable		#11-475	€91,00 Request Quote	2 In Stock <input type="text" value="1"/>
MORE+	20cm GPIO 8 Pin JST Cable		#11-477	€38,00 Request Quote	12 In Stock <input type="text" value="1"/>
MORE+	3.5mm C Series Fixed Focal Length Lens		#89-410	€430,00 Request Quote	CONTACT US <input type="text" value="1"/>
MORE+	4.5mm C Series Fixed Focal Length Lens		#86-900	€430,00 Request Quote	20+ In Stock <input type="text" value="1"/>
MORE+	6mm C Series Fixed Focal Length Lens		#67-709	€350,00 Request Quote	20+ In Stock <input type="text" value="1"/>
MORE+	12mm UC Series Fixed Focal Length Lens		#33-303	€260,00 Request Quote	20+ In Stock <input type="text" value="1"/>
MORE+	16mm UC Series Fixed Focal Length Lens		#33-304	€260,00 Request Quote	20+ In Stock <input type="text" value="1"/>
MORE+	25mm UC Series Fixed Focal Length Lens		#33-305	€260,00 Request Quote	5 In Stock <input type="text" value="1"/>

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Related Products



LUCID Vision Labs™ SENSAiZ Intelligent Vision CMOS Camera



LUCID Vision Labs Triton™ GigE Power over Ethernet (PoE) Cameras



LUCID Vision Labs Atlas10 10GigE Power over Ethernet (PoE) Cameras



Allied Vision Alvium G1 GigE PoE Cameras

Imaging Lens Selector



- Factory Automation
- Telecentric
- M12

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Custom Sensor

Camera Model

Camera Model:



Number of Horizontal Pixels:

1 2048

Number of Vertical Pixels:

2 1536

Pixel Size (µm):

3 3.45

Working Distance (mm):

4

Horizontal Field of View (mm):

5



Disclaimer: Values represent theoretical values from lens design software. Actual lens performance varies due to manufacturing tolerances.

Frequently Purchased Together



#33-300 - 4mm UC Series Fixed Focal Length Lens
€260,00

Qty



#33-304 - 16mm UC Series Fixed Focal Length Lens
€260,00

Qty



#33-517 - Allied Vision Mako G-192C 1/1.8" Color CMOS Camera
€690,00

Qty



#48-859 - 203.2mm Dia. x 3mm High Efficiency Window
€72,00

Qty

Resources

Media Type

- Application Note
- Video
- Published Article
- FAQ
- Glossary
- Technical Tool

APPLICATION NOTE

APPLICATION NOTE

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How Do
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